

2450

NORTHERN REGION - R-1

FOREST = 10 - Flathead *

DISTRICT 01 - Swan Lake *

Expiration Date = April 1, 2016

V15.1

TIMBER SALE AND
TRANSACTION EVIDENCE
APPRAISAL REPORT

Dewey

(SALE NAME)

Select Contract Type

TIM # 15103

TYPE 13 - Contract Form 2400-13

UOM TON

Prepared by (Signature)

(Date)

Prepared by (Signature)

(Date)

Reviewed by (Signature)

(Date)

Recommended by (Signature)

(Date)

All attached documents and specifications for this timber sale have been completed in accordance with regulations at 36 CFR, Part 223, Subpart B, and the applicable Forest Service Manual and Handbook requirements and standards related to timber sales. Furthermore, the environmental documentation and NEPA decision have been reviewed; no significant new information or changed circumstances relating to the environmental impacts of this proposed action exist that require a correction, supplement, or revision to the documentation or decision; and implementation (advertisement) should continue.

Certification Reports for Gates 3 and 4 from TIM are attached to this timber sale report.

Timber Sale Final Package Approved By:

(Date)

TIMBER SALE INFORMATION

TIM, Gate 3, Create Timber Sale (Prep101)

Sale Area Description:

Primary County Name (FIPS Code): *

Sale Area Legal Description (short T & R):

Sale Area Legal Description (long):

The format that the description is entered here and inputted to TIM is exactly the way it will print out in the Contract, Ad and prospectus at Gate 4.

Compartment (s):

Environmental Documentation:

Project Association: List NEPA Project(s) that approved the timber sale.

<u>NEPA Document Name</u>	<u>Percentage of Sale Volume (CCF)</u>
<input type="text" value="Wild Cramer"/>	<input type="text" value="100"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>

The above NEPA Document(s) shall be included in the Prospectus, General Narrative, TIM Gate 4 - Prospectus (ADVR115). Include the following statement in the Prospectus: The environmental document(s) that approved this sale: _____

Briefly describe additions or changes made to project design during timber sale preparation.

TSPIRS INFORMATION, SALE OBJECTIVES

TIM, Gate 3, Create Timber Sale (Prep101)

Purpose (TIM -PREP101)

Activity

% of Sale Volume - CCF (TIM - PREP101)

TC - Timber Commodity Purpose *	01 - Timber Purpose *	50
FS - Forest Stewardship Purpose *	10 - Forest and Health *	50

SALE PURPOSE AND ACTIVITY CODING INSTRUCTIONS

www.fs.fed.us/im/directives/fsh/2409.18/2409.18_20.doc

SALVAGE SALE FUND INFORMATION

TIM, Gate 4, Salvage Sale Fund Plan (ADVR112)

Reference to FSH 2409.19 - 71.12 - for assistance with SSF collections

https://fs.usda.gov/FSI_Directives/wo_2409.19_70.doc

SSF Silviculture Treatment Type (Pick one)

Salvage Component with Sanitation, Stand Improvement, or Regeneration *
(Use for all other sales - stand(s) that include a salvage component)

SSF Volume (CCF): % of total volume

FUNDING SOURCE

Funding Source (button on tool bar) - From STAT102

Sale Preparation Funding Source ---SSSS (Salvage Fund) %

(Contact SO for percentage to enter into Funding Source form. Funding Source percentage must be equal to or less than % of salvage in the SSF Plan.)

CRUISE INFORMATION

CRUISE:	#	<input type="text" value="15103"/>	CHECK CRUISE:	
Date of Cruise		<input type="text" value="4/15/2015"/>	Date of Check:	<input type="text" value="N/A"/>
Cruisers:	<input type="text" value="Eric Jupin"/> <input type="text" value="Darin Nichols"/> <input type="text" value="Max Zink (t)"/> <input type="text" value="Caitlin Sailer (t)"/> <input type="text" value="Andrew Presnar (t)"/>		Cruisers:	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
Method:	<input type="text" value="VAR/FIX/STR"/>		Results:	<input type="text" value="N/A"/>
SE%:	<input type="text" value="11.92"/>			

Method of determining ROW volume:

Sample Tree of trees within clearing limits as defined by engineers

Basis for Percent Defect:

Small adjustment for hidden defect and additional breakage in addition to seen defect, anticipate mechanized harvest in tractor units and hand falling in most skyline units.

TOTAL CF VOLUME BY UNIT --- NCS REPORT (UC5)

Unit #	Acres	Sawtimber	CCF	Non-Saw	CCF
3	19.8	25127	251	11411	114
6	12	15229	152	6916	69
6A,B,D	66.6	84519	845	38384	384
6C	10.4	13198	132	5994	60
6E	6	7614	76	3458	35
9,9A	13.1	16625	166	7550	76
10	48	49706	497	47005	470
11	15.2	19290	193	8760	88
11A	6.3	7995	80	3631	36
11B	2	2538	25	1153	12
19	8.7	9009	90	8520	85
22	17	17604	176	16648	166
23	8.4	8699	87	8226	82
24	20.9	21643	216	20467	205
24A	3.4	3521	35	3330	33
25,25A	23.3	29569	296	13429	134
25B	12.3	15609	156	7089	71
26	12.9	16371	164	7435	74
27	3.1	3934	39	1787	18
28	7.6	9645	96	4380	44
29	16.3	20686	207	9394	94
29A	10	12691	127	5763	58
29B	10	12691	127	5763	58
30	16.2	20559	206	9337	93
30A	2.7	3426	34	1556	16
30B	3.8	4822	48	2190	22
30C	13.9	17640	176	8011	80
32	42.8	54316	543	24667	247
32A	16.9	21447	214	9740	97
32B	2.7	3426	34	1556	16

ROW units need to be entered last

**NET
MBF/CCF Ratio from
NCS Report CS1**

Sawtimber (Product 01)

0.47612

Non-Saw (Product 08)

.53193

If no Primary Non-Saw
Enter Secondary
Volumes Below

Net bdf

Net cf

Non-Saw
(Product 08)

TOTAL SALE UNIT VOLUME (CCF)	1107864	Sawtimber	5488	11075
		(Sheet 1)	(Sheet 1)	(Sheet 1&2)

TOTAL SALE UNIT VOLUME (CCF)	638899	Non-Saw	3037	6391
		(Sheet 1)	(Sheet 1)	(Sheet 1&2)

TOTAL SALE CF VOLUME BY SPECIES --- NCS REPORT (R101)

Species	Saw	Rounded	%Defect	Av. DBH	Logs/Unit
GF		0			
AF	129134	1291	7	11.2	15.8
L	102956	1030	13	9.7	22.7
S	65972	660	7	9.9	19.6
LP	308468	3085	9	7.8	27.9
WP		0			
PP	189	2	6	10.4	22.2
DF	501147	5007	13	10.6	17
C		0			
H		0			

1107866

TOTAL VOLUME 11075 CCF

NCS REPORT (UC5)

Non-Saw	Rounded
	0
48870	489
47849	478
12285	123
327159	3273
	0
56	1
202679	2027
	0
	0

638898

6391 CCF

ROUNDED VOLUME IS THE DIFFERENCE BETWEEN UNIT VOLUME AND SPECIES VOLUME (AFTER ROUNDING TO CCF) ADDED TO THE SPECIES WITH THE LARGEST VOLUME

TOTAL CF VOLUME BY UNIT --- UC5 REPORT

Unit #	Acres	Sawtimber	CCF	Non-Saw	CCF
ROW units need to be entered last					
38	8.5	10787	108	4899	49
40	10.1	12818	128	5821	58
40A	22	27919	279	12679	127
40B	5.5	6980	70	3170	32
41	17.2	21828	218	9913	99
42,42A	37.4	47463	475	21555	216
43	12.2	15483	155	7031	70
44	9.6	12183	122	5533	55
45	47.7	60534	605	27491	275
45A	7.9	10026	100	4553	46
46	8.8	11168	112	5072	51
47	12.3	12737	127	12045	120
48	9.2	11675	117	5302	53
49	13.9	17640	176	8011	80
49A	3.8	4822	48	2190	22
50	12	15229	152	6916	69
51	7.1	7352	74	6953	70
51A	9.5	9838	98	9303	93
52	18.2	23097	231	10489	105
52A	2.3	2919	29	1326	13
53, A, B	38.9	40283	403	38093	381
54	30.2	31274	313	29574	296
55	17.9	18536	185	17529	175
56	17.3	21955	220	9971	100
57	6.3	7995	80	3631	36
59	9.2	11675	117	5302	53
60	16	20305	203	9221	92
64	46.3	47946	479	45340	453
64A,64B	9.5	12056	121	5475	55
ROW	0	4192	42	961	10
		558715	Sawtimber	335349	Non-Saw
TOTAL UNIT VOLUME CCF		11075		6391	

SHEETS 1&2

**CUTTING UNIT DESCRIPTION
(TIM GATE 3 - PREP 104)**

**VOLUME - DIRECT ENTRY
(TIM GATE 3 - PREP 103)**

Unit #	P.U.#	CUTTING UNIT DESCRIPTION (TIM GATE 3 - PREP 104)						MA	Unit Volume CCF		Yield Component		Unit TONS	
		Cruise Unit Acres	Appraisal Unit Acres	ROW Acres	Logging Method	Harvest Method	Land Suit Class		Sawtimber	Non-Saw	CL	NL	Saw	Non Saw
3	3	19.8	19.8		420				251	114			741	312
6	6	12	12		492				152	69			449	189
6A,B,D	6	66.6	66.6		430				845	384			2495	1052
6C	6	10.4	10.4		492				132	60			390	164
6E	6	6	6		420				76	35			224	96
9,9A	9	13.1	13.1		420				166	76			490	208
10	10	48	48		420				497	470			1467	1288
11	11	15.2	15.2		420				193	88			570	241
11A	11	6.3	6.3		430				80	36			236	99
11B	11	2	2		420				25	12			74	33
19	19	8.7	8.7		430				90	85			266	233
22	22	17	17		420				176	166			520	455
23	23	8.4	8.4		420				87	82			257	225
24	24	20.9	20.9		420				216	205			638	562
24A	24	3.4	3.4		430				35	33			103	90
25,25A	25	23.3	23.3		420				296	134			874	367
25B	25	12.3	12.3		430				156	71			461	195
26	26	12.9	12.9		430				164	74			484	203
27	27	3.1	3.1		430				39	18			115	49
28	28	7.6	7.6		430				96	44			283	121
29	29	16.3	16.3		420				207	94			611	258
29A	29	10	10		420				127	58			375	159
29B	29	10	10		430				127	58			375	159
30	30	16.2	16.2		420				206	93			608	255
30A	30	2.7	2.7		420				34	16			100	44
30B	30	3.8	3.8		420				48	22			142	60
30C	30	13.9	13.9		430				176	80			520	219
32	32	42.8	42.8		420				543	247			1603	677
32A	32	16.9	16.9		420				214	97			632	266
32B	32	2.7	2.7		420				34	16			100	44
Totals Sheet 1		452.3	452.3	0					5488	3037	0	0	16201	8322

Total Sale Area: **7030** Sale Area Acres
 Total Cutting Area: **452.3** Acres
 (Sheet 1)

Total Sawtimber (Sheet 1) **5488** CCF
 Total Saw + Non-Saw (Sheet 1) **8525** CCF

**CUTTING UNIT DESCRIPTION
(TIM GATE 3 - PREP 104)**

**VOLUME - DIRECT ENTRY
(TIM GATE 3 - PREP 103)**

Unit #	P.U.#	CUTTING UNIT DESCRIPTION (TIM GATE 3 - PREP 104)						MA	VOLUME - DIRECT ENTRY (TIM GATE 3 - PREP 103)				
		Cruise Unit Acres	Appraisal Unit Acres	ROW Acres	Logging Method	Harvest Method	Land Suit Class		Unit Volume CCF		Yield Component		Unit TONS
								Saw+Add	Non-Saw	CL	NL	Saw	Non Saw
ROW units need to be entered last													
38	38	8.5	8.5		430			108	49			319	134
40	40	10.1	10.1		420			128	58			378	159
40A	40	22	22		420			279	127			824	348
40B	40	5.5	5.5		430			70	32			207	88
41	41	17.2	17.2		420			218	99			644	271
42,42A	42	37.4	37.4		420			475	216			1402	592
43	43	12.2	12.2		420			155	70			458	192
44	44	9.6	9.6		420			122	55			360	151
45	45	47.7	47.7		420			605	275			1786	754
45A	45	7.9	7.9		420			100	46			295	126
46	46	8.8	8.8		430			112	51			331	140
47	47	12.3	12.3		420			127	120			375	329
48	48	9.2	9.2		420			117	53			345	145
49	49	13.9	13.9		420			176	80			520	219
49A	49	3.8	3.8		430			48	22			142	60
50	50	12	12		430			152	69			449	189
51	51	7.1	7.1		420			74	70			218	192
51A	51	9.5	9.5		430			98	93			289	255
52	52	18.2	18.2		420			231	105			682	288
52A	52	2.3	2.3		430			29	13			86	36
53, A, B	53	38.9	38.9		420			403	381			1190	1044
54	54	30.2	30.2		420			313	296			924	811
55	55	17.9	17.9		420			185	175			546	480
56	56	17.3	17.3		420			220	100			649	274
57	57	6.3	6.3		420			80	36			236	99
59	59	9.2	9.2		420			117	53			345	145
60	60	16	16		420			203	92			599	252
64	64	46.3	46.3		420			479	453			1414	1241
64A,64B	64	9.5	9.5		420			121	55			357	151
ROW	R	0	0	5	420			42	10			124	27
Total (Sheets 1&2)		919.1	919.1	5				11075	6391	0	0	16493	9191

Total Sale Area: **7030** Sale Area Acres
 Total Cutting Area: **919.1** Acres
 (Sheets (1&2))

Total Sawtimber (Sheets 1&2) **11075** CCF
 Total Saw + Non-Saw (Sheets 1&2) **17466** CCF

APPRAISAL CCF TO TON WORKSHEET

SAWTIMBER - CCF

<u>Species</u>	<u>Defect %</u>	<u>Net Volume</u>	<u>Total Additional</u>	<u>Total Net</u>	<u>Tons Per CCF</u>	<u>Total Tons</u>
017-GF	0	0	0	0	3.1275	0
019-AF	7	1291	0	1291	2.4735	3193
073-L	13	1030	0	1030	3.1935	3289
093-S	7	660	0	660	2.7040	1785
108-LP	9	3085	0	3085	3.0210	9320
119-WP	0	0	0	0	3.2230	0
122-PP	6	2	0	2	3.2230	6
204-DF	13	5007	0	5007	3.0160	15101
242-C	0	0	0	0	2.3540	0
263-H	0	0	0	0	3.2425	0
TOTAL =	11	11075	0	11075	2.9521	32694

Net MBF/CCF Ratio For
Sawtimber From NCS
Report CS1 **.47612**

TIM	Prep 105
Conversion	Factors
MBF	CCF
.16130	.33870

NON-SAWTIMBER - CCF

<u>Species</u>	<u>Net Volume</u>	<u>Additional Non-Saw</u>	<u>Total Net</u>	<u>Tons Per CCF</u>	<u>Total Tons</u>
GF	0		0	2.9470	0
AF	489		489	2.3340	1141
L	478		478	3.0785	1472
S	123		123	2.6330	324
LP	3273		3273	2.7257	8921
WP	0		0	3.1500	0
PP	1		1	3.1510	3
DF	2027		2027	2.7885	5652
C	0		0	2.1400	0
H	0		0	3.0590	0
TOTAL =	6391	0	6391	2.7403	17513

30% %Dead

Net MBF/CCF Ratio For
Non-Sawtimber From NCS
Report CS1 **.53193**

TIM	Prep 105
Conversion	Factors
MBF	CCF
.19410	.36490

TOTALS =	Gross	Net	Tons
	0	17466	50207

APPRAISAL SUMMARY

CONTRACT VOLUME (CCF)	<u>17466</u>
APPRAISAL VOLUME (CCF)	<u>11075</u>
CONTRACT VOLUME (TONS)	<u>50207</u> (Note: Total Tons to be used for Rd. Maintenance Appr.)
WTD TONS/CCF	<u>2.8700</u>

LOGGING METHOD SUMMARY
Sawlog Volume

	Tractor	Ground Lead	Skyline	Aerial Heli	Forwarder	Horse	TOTAL	Swing Not Included in Totals	
Acres	702	0	195	0	22	0	919	0	
Volume	8366	0	2425	0	284	0	11075	#N/A	CCF
AEYD	735	0	590	0	594	0			
% Acres	76%	0%	21%	0%	2%	0%			
% Vol	76%	0%	22%	0%	3%	0%			

HARVEST METHOD SUMMARY

	ClearCut	Seed Tree	Shelter Wood	Final Seed Tree	Intermed	Final Shelter wood	Selection	Other Changes	TOTAL
Acres	0	0	0	0	0	0	0	0	0
Volume	0	0	0	0	0	0	0	0	0
% Acres	0%	0%	0%	0%	0%	0%	0%	0%	
% Vol	0%	0%	0%	0%	0%	0%	0%	0%	

ASSIGN CONTRACT SPECIES

TIM Gate 3 - Prep 105

Contract Species Association

Contract species shall be grouped to reflect differences in utilization and/or how species shall be grouped in A(T) 2 of the Timber Sale Contract.

All Non-sawtimber shall be grouped as Combined Softwood (CS) under Contract Species

UTILIZATION STANDARDS

TIM Gate 4 - Contract Prep Information ADVR114

Fill out Minimum Specifications below to reflect how sawtimber & non-sawtimber were cruised.

Contract Species (Major Species Group)	Full Name for Contract	Conversion Factors (only applicable to weight scale sales) (Enter from Species Volume Summary)		Minimum Specifications				
		MBF	CCF	DBH	Number of Pieces	Length	DIB	Merch. Factor
		DF&C	Live and Dead Douglas Fir & Other Sp	0.1613	0.3387	7	1	8.0
LP	Live and Dead Lodgepole pine	0.1613	0.3387	6	1	8.0	5.6	10.67
				0	0	0.0	0	0
<input checked="" type="checkbox"/> #	CS Live and Dead	0.1941	0.3649	4	1	16.0	2.5	N/A
<input type="checkbox"/>	C14 Cedar Products - Net Merch. Factor - Refer to C(T)6.804#			0	0	0.0	0	0

Select Non-Sawtimber Products description from the following:

Non-Sawtimber products include (C(T)2.2): Primary product includes all trees **4.0" - 6.9"(5.9" LP)** DBH (less than minimum Sawtimber specifications shown in A(T)2); secondary product include tops of Sawtimber trees less than diameter inside bark at small end shown in A(T)2; and all trees not meeting minimum Sawtimber specifications but containing at least 50% pulpable woodfiber in terms of gross cubic volume. (C(T)6.801)

Non-Sawtimber products include (C(T)2.2): secondary product which are the tops of Sawtimber trees less than diameter inside bark small end shown in A(T)2; and any portion of a Sawtimber tree not meeting minimum Sawtimber specifications shown in A(T)2 but containing at least 50% pulpable woodfiber in terms of gross cubic volume (C(T)6.801).

Non-Sawtimber products include (C(T)2.2): secondary product which is the top portion of Sawtimber trees less than diameter inside bark small end shown in A(T)2 and containing at least 50% pulpable woodfiber in terms of gross cubic volume (C(T)6.801).

Non-Sawtimber products include (C(T)2.2): Primary product includes all trees **X.X" to 6.9"** DBH (less than minimum Sawtimber specifications shown in A(T)2) and secondary product which are tops of Sawtimber trees less than diameter inside bark at small end shown in A(T)2 and containing at least 50% pulpable woodfiber in terms of gross cubic volume (C(T)6.801).

Non-Sawtimber products include (C(T)2.2): Primary product includes all trees **X.X" to 6.9"** DBH (less than minimum Sawtimber specifications shown in A(T)2) and containing at least 50% pulpable woodfiber

in terms of gross cubic volume (C(T)6.801).

AVERAGE EXTERNAL YARDING DISTANCE

Unit #	Volume CCF	AEYD Feet		% Slope
3	251	400	To Calculate % Slope	35%
6	152	400		40%
6A,B,D	845	600	Top Elevation	50%
6C	132	750		30%
6E	76	450		25%
9,9A	166	450	Bottom Elevation	20%
10	497	900		35%
11	193	900		30%
11A	80	150	EYD Distance (ft)	55%
11B	25	250		40%
19	90	400		60%
22	176	700	% Slope =	25%
23	87	250	#DIV/0!	10%
24	216	1100		30%
24A	35	250		55%
25,25A	296	700		25%
25B	156	600		50%
26	164	400		60%
27	39	500		65%
28	96	600		50%
29	207	650		25%
29A	127	400		30%
29B	127	550		25%
30	206	700		20%
30A	34	250		25%
30B	48	250		30%
30C	176	700		55%
32	543	900		30%
32A	214	850		25%
32B	34	150		20%

Tractor

420	8366	VOL
	735	AVE EYD

Forwarder

492	284	VOL
	594	AVE EYD

Helicopter

480	0	VOL
	0	AVE EYD

Ground Lead

450	0	VOL
	0	AVE EYD

Skyline

430	2425	VOL
	590	AVE EYD

Horse

410	0	VOL
	0	AVE EYD

AVERAGE EXTERNAL YARDING DISTANCE

Unit #	Volume CCF	AEYD Feet		% Slope
38	108	500	To Calculate % Slope	55%
40	128	500		45%
40A	279	500	Top Elevation	40%
40B	70	500		60%
41	218	700		40%
42,42A	475	500	Bottom Elevation	20%
43	155	650		20%
44	122	600		25%
45	605	1300	EYD Distance (ft)	40%
45A	100	300		35%
46	112	650		65%
47	127	700	% Slope =	25%
48	117	450	#DIV/0!	35%
49	176	600		25%
49A	48	500		55%
50	152	300		50%
51	74	500		35%
51A	98	350		60%
52	231	800		25%
52A	29	200		55%
53, A, B	403	500		25%
54	313	650		25%
55	185	700		30%
56	220	600		25%
57	80	300		30%
59	117	700		35%
60	203	600		25%
64	479	800		30%
64A,64B	121	800		25%
ROW	42			

LP Non-Saw

Report CS 4 - Nonsaw																				
Live LP Nonsaw Pri. and Sec. (CS4)	Dead LP Primary Nonsaw (CS4)	Total LP Live and Dead Pri/Sec Nonsaw	Total LP Primary Nonsaw (R101)	Total LP Secondary Nonsaw	Total Live LP Primary Nonsaw															
230870	96289	327159	182420	144739	86131															
<u>2309</u>	<u>963</u>	<u>3272</u>	<u>1824</u>	<u>1447</u>	<u>861</u>															
% of Tot	% of Tot																			
0.7057	0.2943																			
Tons/CCF	Tons/CCF																			
3.0200	2.0390																			
Average Tons/CCF																				
<u>2.7313</u>																				
Enter on Species Appraisal (Tons)																				
				LPD Prim	963															
				LPL Prim	861															
				LP Sec	1447															
				<u>Total</u>	<u>3272</u>															
<table border="0" style="width:100%"> <tr> <td style="width:40%">% LPD Prim. Post Material</td> <td style="width:10%">0%</td> <td style="width:10%">→</td> <td style="width:10%">0</td> <td style="width:10%">Tons</td> </tr> <tr> <td>LPL Prim. and LP Secondary</td> <td></td> <td>→</td> <td>6306</td> <td>Tons</td> </tr> <tr> <td>Total LP Post and Pole Material</td> <td></td> <td>→</td> <td>6306</td> <td>Tons</td> </tr> </table>						% LPD Prim. Post Material	0%	→	0	Tons	LPL Prim. and LP Secondary		→	6306	Tons	Total LP Post and Pole Material		→	6306	Tons
% LPD Prim. Post Material	0%	→	0	Tons																
LPL Prim. and LP Secondary		→	6306	Tons																
Total LP Post and Pole Material		→	6306	Tons																
Entered from Appraisal CCF to Ton Worksheet																				
Total Nonsaw Tons				→	17513 Tons															
Other Nonsaw Material				→	11207 Tons															

LP Non-Saw page can be used for any Species of High Value Non-Saw Products, not just Lodgepole Pine.

Nonsaw Value and Weighted Haul						
Appraisal Point (P&P Material)		St Ignatius (Foothills)				
Species	Weighted Haul Miles					
LPL, LPD	Gravel	Paved	Total Haul	Qty (Tons)	Value/Ton	
	5	95	100	6306	\$70.00	
Appraisal Point		Bonner, MT				
Species	Weighted Haul Miles					
All Other	Gravel	Paved	Total Haul	Qty (Tons)	Value/Ton	
	5	140	145	11207	\$38.00	
Total Nonsaw (Tons)		17513				
Weighted Haul Miles		128.8		Weighted Value/Ton		\$49.52

NON-SAWTIMBER ADJUSTMENTS

Appraisal Point:

"Check Box" if Non-Sawtimber is **NOT** to be included as a contractual requirement in

Check Box

K-C.2# Utilization and Removal of Included Material.

K-C.2.1.1# Optional Removal of Non-Sawtimber Products.

DATA INPUT

Delivered Log Price (\$/Ton, Nonsawtimber material)	<input type="text" value="\$49.52"/>		<i>Use LP NonSaw page for High Value Non-Saw Products of Any Species, not just Lodgepole Pine</i>
Total Nonsawtimber Volume (CCF) (Primary + Secondary)	<input type="text" value="6,391"/>		
Total Nonsawtimber Volume (Tons) (Primary + Secondary)	<input type="text" value="17,513"/>		
Tons / CCF for nonsawtimber material	<input type="text" value="2.74"/>		
Total Appraised Sawlog Volume (CCF)	<input type="text" value="11,075"/>		
Total One Way Weighted Haul Miles	<input type="text" value="129"/>	<input type="text" value="0"/>	Haul Adjustment No Adjustment Needed if using LP Non-Saw

Logging System	All Ground Based	All Cable	Forwarder
Nonsawtimber Primary Product (CCF)	<input type="text" value="2,242"/>	<input type="text" value="533"/>	<input type="text" value="55.0"/>
Net MBF / Acre Harvested for nonsawtimber primary product	<input type="text" value="1.7"/>	<input type="text" value="1.5"/>	<input type="text" value="1.3"/>
Average DBH Harvested for nonsawtimber primary product	<input type="text" value="5.5"/>	<input type="text" value="5.5"/>	<input type="text" value="5.5"/>
Average Yarding Distance (Feet)	<input type="text" value="735"/>	<input type="text" value="590"/>	<input type="text" value="594"/>
Nonsawtimber Primary Product (Tons)	<input type="text" value="6,144"/>	<input type="text" value="1,461"/>	<input type="text" value="150.7142857"/>
Net Tons / Acre Harvested for nonsawtimber primary product	<input type="text" value="4.7"/>	<input type="text" value="4.0"/>	<input type="text" value="3.6"/>

Nonsawtimber Adjustment	
Final Nonsawtimber Value (\$/CCF) A positive number is a negative value.	<input type="text" value="\$17.77"/>
Final Nonsawtimber Adjustment to enter into TE appraisal program (\$/CCF)	<input type="text" value="\$0.00"/>

A Negative Adjustment has been Rounded to Zero

RIGHTS - OF - WAY

(Include Cost share Agreements)

Road Name	Road #	Length	Type of Agreement	Agreement with (Names)

ROAD MAINTENANCE

(From Road Maintenance Appraisal Summary, sheets are attached)

Contract Rates

	\$/CCF	\$/TON	
Total Performance Recurrent Maintenance (Part A)			
K-F.3.1# - Recurrent Maintenance	\$1.27	\$0.44	
K-F.3.1.2# - Reconditioning	\$0.00	\$0.00	
Total Performance (Part A)	\$1.27	\$0.44	(A)
Total Required Deposits (Recurrent and Deferred) (Part B)	\$1.11	\$0.38	Recurrent
(Enter appropriate rate in TIM - Gate 4 - Road Maint. Plan - ADV105)	\$0.45	\$0.15	Deferred
K-F.3.2# - Total Required Deposits (Part B)	\$1.56	\$0.53	(B)
K-F.3.1.4# - Total Dust Abatement (Part C)	\$0.00	\$0.00	(C)
TOTAL MAINTENANCE COST (Parts A-B-C)	\$2.83	\$0.97	

Appraisal Rates

(Entries for 2400 - 17)

Total Required Deposits	\$ 2.46	CCF
Total Road Maintenance Costs (Performance + Deposits)	\$ 4.47	CCF

*Refer to Road Maintenance Appraisal for Road Reconditioning cost per road segment.
(Attach worksheets with road costs)*

LOGGING METHOD SUMMARY

	Tractor	Ground Lead	Skyline	Aerial Heli	Forwarder	TOTAL
Acres	702	0	195	0	22	919
Volume	8366	0	2425	0	284	11075
EYD	735	0	590	0	594	

ROAD CONSTRUCTION / RECONSTRUCTION

Construction or Reconstruction of roads not included on haul route are to be included as Stewardship Projects (K-G9#) and Appraised using Davis Beacon Wages.

Check Box if road(s) being Constructed or Reconstructed are Specified Roads needed for harvesting Included Timber.

IDENTIFY FACILITIES (ADVR102)

Appraisal information required for the 2400-17 report is to be summarized from the Identify Facilities

SPECIFIED ROAD COST

	<u>Miles</u>	<u>Total Cost</u>
Construction	2.9	\$75,173
Reconstruction	0.0	\$0

Total Cost $\frac{\$75,173}{11075 \text{ CCF}} = \6.79 / CCF

BASE RATE COLLECTION FOR STEWARDSHIP SALES

(Applied to Sawtimber Only)

Normally Stewardship Sales do not have a base rate nor KV collections. But there may be instances where it would be appropriate to collect KV funds. (IE. Treatment needs that extend beyond the contract termination date(noxious weeds), that require complex oversight (prescribed fire) or for small amounts of planting.

When KV is needed on a project it is collected as a base rate, the rate is applied ONLY to the Sawtimber component.

Costs From FACTS - Sale Area Improvement and K-V Collection Plan.

Total Required Regen Costs - FACTS Line 21 Remarks = **\$490,844.00**
(Subtotal for Required Reforestation with National Program Support Cost Included)

% Adjustment For Partial Cut Stands

0%

Select Either (a) or (b)

(A) Green Sale - Required Regen Cost \$ 100% Sawtimber Vol. =

\$490,844.00 (B) %

= **\$490,844.00** Total

(B) Salvage Sales enter % Live Sawtimber Volume;

= **100%**

For Partial Cut Stands Use Previously Cut Worksheet.

Other K-V: From FACTS

K-V Funded Projects Costs

\$0.00
\$0.00
\$0.00
\$0.00
\$0.00
\$0.00

Total \$0.00

= **\$0.00** Total

Total amount of K-V to be Collected = \$490,844.00 Total

Sawtimber Base Rate = \$44.32 CCF

**BRUSH DISPOSAL
Stewardship Contract**

From FACTS - Detailed Listing of BD and Purchaser Slash Treatment Activities

"Check Box" if Brush disposal is **NOT** to be included as a contractual requirement in **K-G.7 Hazard Reduction and Site Preparation.**

Check Box to use.

Appraisal Rates for 2400-17 (Applied to Sawtimber only)

Forest Service Rate (Fund Code BDBD) **\$63,638.00** Total \$ (a) **\$5.75**

Purchaser Rate (Fund Code PPPP) **\$173,825.00** Total\$ (b) **\$15.70**

TOTAL: (a) + (b) = **\$21.45** CCF

Contract Rates (Applied to All Products)

Forest Service Rate Per CCF (Fund Code BDBD) **\$3.64** CCF

\$1.27 TON

Lump Sum BD Deposits for Weight Scaled Sales

Cutting Unit Number	Required Deposits
3	\$1,519.33
6	\$805.22
6A,B,D	\$4,477.91
6C	\$699.56
6E	\$404.43
9,9A	\$881.74
10	\$3,523.30
11	\$1,023.83
11A	\$422.65
11B	\$134.81
19	\$637.62
22	\$1,246.09
23	\$615.76
24	\$1,533.93
24A	\$247.76
25,25A	\$1,566.72
25B	\$827.08
26	\$867.16
27	\$207.68
28	\$510.10
29	\$1,096.70
29A	\$674.05
29B	\$674.05
30	\$1,089.42
30A	\$182.18
30B	\$255.05
30C	\$932.75
32	\$2,878.39
32A	\$1,133.14
32B	\$182.18

Total Cost **\$31,250.59**

(Sheet 1)

BRUSH DISPOSAL - Continued
Stewardship Contracts

Lump Sum BD Deposits for Weight Scaled Sales

Cutting Unit Number	Required Deposits
38	\$572.04
40	\$677.70
40A	\$1,479.28
40B	\$371.64
41	\$1,155.00
42,42A	\$2,517.68
43	\$819.80
44	\$644.91
45	\$3,206.31
45A	\$531.96
46	\$593.90
47	\$899.95
48	\$619.40
49	\$932.75
49A	\$255.05
50	\$805.22
51	\$524.67
51A	\$695.92
52	\$1,224.23
52A	\$153.03
53, A, B	\$2,856.53
54	\$2,218.91
55	\$1,311.67
56	\$1,165.93
57	\$422.65
59	\$619.40
60	\$1,074.84
64	\$3,395.78
64A,64B	\$641.26

Total Cost

\$63,638.00

(Sheets 1&2)

EROSION CONTROL

Seed mix is to be included in K-G.6.0.1# - Erosion Control Seeding and Special Project Specifications (SPS) 625.05 in Road Package.

Make sure that the seed mix and fertilizer are the same in both Contract and Road Package.

Site specific areas, such as gravel pits and very dry sites may call for more and/or different species in the mix. Document below the rationale for deviation from the standard seed mix.

Species of Seed	Pounds per Acre
-----------------	-----------------

Blue Wildrye	5
Mountain Brome	9
Bluebunch Wheatgrass	4
Slender Wheatgrass	6

TOTAL	24
-------	----

Type of Fertilizer	Pounds per Acre
--------------------	-----------------

	0
--	---

TOTAL	0
-------	---

Crossdrains

Installation of crossdrains on temporary roads, skid trails and firelines are included in their respective cost allowance.

Scarification - Landings and Skid Trails ONLY

$$91 \text{ acres} @ \$150.00 \text{ per acre} = \$13,650.00$$

Seed and Fertilizer

If Temp Road seeding is not included in Temp Road worksheet then enter here

Temporary Roads		feet	=	0.0	acres
Firelines		feet	=	0.0	acres

Skid Trails

Number of acres to be skidded using ground based systems times the percentage of area requiring seed and fertilizer. $721 \text{ acres} \times 4\% = 28.8 \text{ acres}$

Number of acres to be yarded using cable systems times the percentage of area requiring seed and fertilizer. $197 \text{ acres} \times 2\% = 3.9 \text{ acres}$

Landings

Number of landings $94 \times 0.5 \text{ acres per landing} = 47.0 \text{ acres}$

TOTAL 79.7 acres

Acres	Tractor	Ground Lead	Skyline	Aerial Heli	Forwarder	Horse
	702	0	195	0	22	0

Seed mix, fert., labor costs:

	<u>Lbs / Acre</u>		<u>\$ / Lb</u>	=	<u>\$ per Acre</u>
Blue Wildrye	5	X	\$12.00	=	\$60.00
Mountain Brome	9	X	\$12.00	=	\$108.00
Bluebunch Wheatgrass	4	X	\$12.00	=	\$48.00
Slender Wheatgrass	6	X	\$12.00	=	\$72.00
0	0	X		=	\$0.00
Fertilizer	0	X	\$0.00	=	\$0.00
*Labor per Acre				=	\$12.30

\$ per acre **\$300.30**

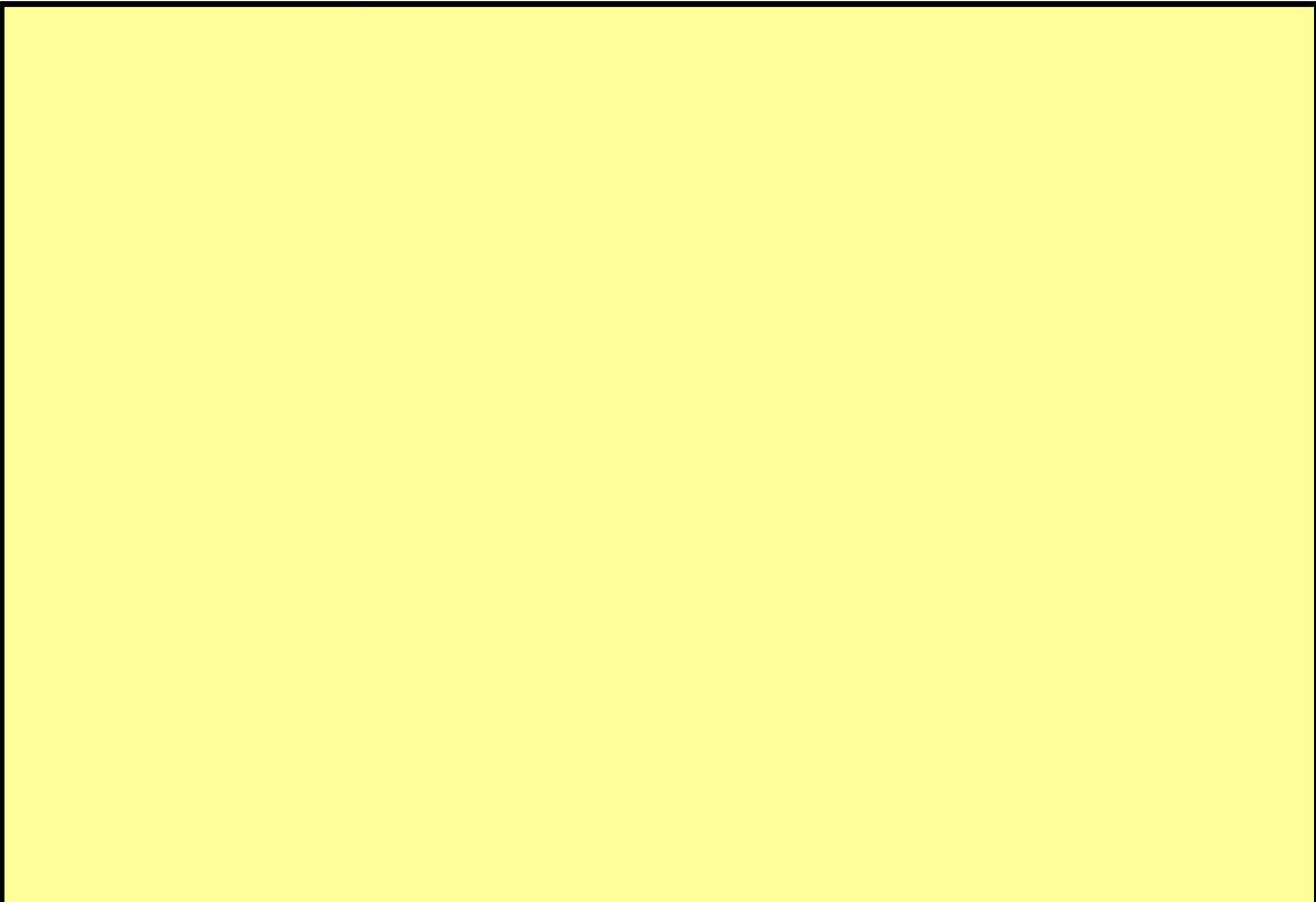
Total cost for

SEEDING	79.7	acres	X	\$288.00	\$/acre =	\$22,953.60
FERTILIZER	79.7	acres	X	\$0.00	\$/acre =	\$0.00
LABOR	79.7	acres	X	\$12.30	\$/acre =	\$980.31
SCARIFICATION						\$13,650.00
TOTAL						\$37,583.91

\$37,583.91 COST / **11075** CCF = **\$3.39** PER CCF

* Engineers estimate Page 114 of the Cost Guide Item Labor Rates.

Document Rational for Changes to Standard Seed Mix.



OTHER CONTRACTUAL REQUIREMENTS (A)

**Other - Include Contractual Obligations Requiring Performance Bond Coverage
(Road closure, Barriers, Trail Restoration, etc.)**

ITEM	#	X	COST	=	TOT COST
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00
XXX		X	\$0.00 per XXX	=	\$0.00

\$0.00 Cost / **11075** CCF = **\$0.00** CCF

Subtotal Other Contractual Requirements (A) = \$0.00 CCF

OTHER CONTRACTUAL REQUIREMENTS (B)

The cost allowance for herbicide application has been based on the following assumptions; 300 gallon sprayer with herbicide injectors (not tank mixed); 20 gallon of carrier/ac; one trip will be required for each herbicide per road; labor rate and production includes mix, loading, cleanup and daily documentation; misc. expenses include equipment maintenance and depreciation, herbicide storage and handling and licensing fees. One mile of road with an average ROW of 30 feet is equal to 3.6 acres. Herbicides approved for use are listed in K-G.2.7# under Technical Spraying Specifications.

<u>Herbicide</u> (Common name)	<u>Application Rate oz</u> per acre	<u>Cost</u> Per oz	<u>Cost per</u> <u>UOM</u>
24D Amine	32	\$0.00	\$0.00 mile
Transline	11	\$0.00	\$0.00 mile
Tordon	32	\$0.00	\$0.00 mile
Aminopyralid (Milestor)	6	\$3.75	\$81.00 mile

Price quote for herbicide obtained from: Internet Forestry Suppliers

<u>Sufactant & Dye</u> .32 oz/gal H2O	\$0.68/acre = \$2.45/ mile
<u>Labor Rate</u>	\$40/ hour (2 Miles per hour)

Miles of road to be sprayed: 78.36 miles

<u>Herbicide to be applied:</u>	<u>Miles</u>	<u>\$ UOM</u>	<u>Tot Cost</u>
24D Amine		\$0.00	\$0.00
Transline		\$0.00	\$0.00
Tordon		\$0.00	\$0.00
Aminopyralid (Milest)	78.36	\$81.00	\$6,347.16
Sufactant & dye:	78.36		\$0.00
Application Cost (Labor):	78.36	\$20.00	\$1,567.20
Misc. Expensense:	78.36	\$5.00	\$391.80
TOTAL WEED TREATMENT:	\$8,306.16 cost	/ 11075 CCF	= \$0.75 CCF

ON-SITE EQUIPMENT WASHING K-G.3.5.1#

Cost allowance for washing off-road equipment *Prior To Leaving* locations identified in EIS/EA

Number (pieces of equipment)	 	Number of seasons	
Cleaning costs per piece	\$0.00	CCF	11075

Total cost for washing equipment per CCF \$0.00 CCF

Subtotal Other Contractual Requirements (B) \$0.75 CCF

MISCELLANEOUS CONTRACTUAL REQUIREMENTS (C)

(Contractual Obligations That Would Not Require Coverage Under The Performance Bond)

Stump Shoveling (Not required under normal operating/winter conditions. Include if clippers not allowed)

stumps X per stump =

Cost / CCF = CCF

Snow Plowing

miles X per mile X # plowings =

Cost / CCF = CCF

Miscellaneous: (Helicopter Landing Construction, Traffic Control etc...)

ITEM	#	X	COST	TOT COST
Traffic Control for Felling Near Rd	1	X	\$2,172.00 total	\$2,172.00
Planned for 2x laborers for 1 hour per unit adjacent to open roads and trails				
XXX		X	\$0.00 per XXX	\$0.00
XXX		X	\$0.00 per XXX	\$0.00
XXX		X	\$0.00 per XXX	\$0.00
XXX		X	\$0.00 per XXX	\$0.00
XXX		X	\$0.00 per XXX	\$0.00
XXX		X	\$0.00 per XXX	\$0.00
XXX		X	\$0.00 per XXX	\$0.00
XXX		X	\$0.00 per XXX	\$0.00

Cost / CCF = CCF

Subtotal Miscellaneous Contractual Requirements (C) CCF

Total Other Contractual Requirements (A+B+C)	<input type="text" value="\$1.19"/> CCF
Brush Disposal (Purchaser and FS)	<input type="text" value="\$21.45"/> CCF
Total Environmental Protection Cost	<input type="text" value="\$22.64"/> CCF

TEMPORARY ROADS

3.18 Miles

If you have more than 5 Temporary Roads, you can lump Roads together.

Temporary Road #1
Temp Roads that will use existing old templates Cost \$ \$9,272.00

Temporary Road #2
New Temp Roads Cost \$ \$17,291.00

Temporary Road #3
0 Cost \$ \$0.00

Temporary Road #4
0 Cost \$ \$0.00

Temporary Road #5
0 Cost \$ \$0.00

TOTAL TEMPORARY ROAD COST = \$26,563.00
(Total Temporary Development Costs)

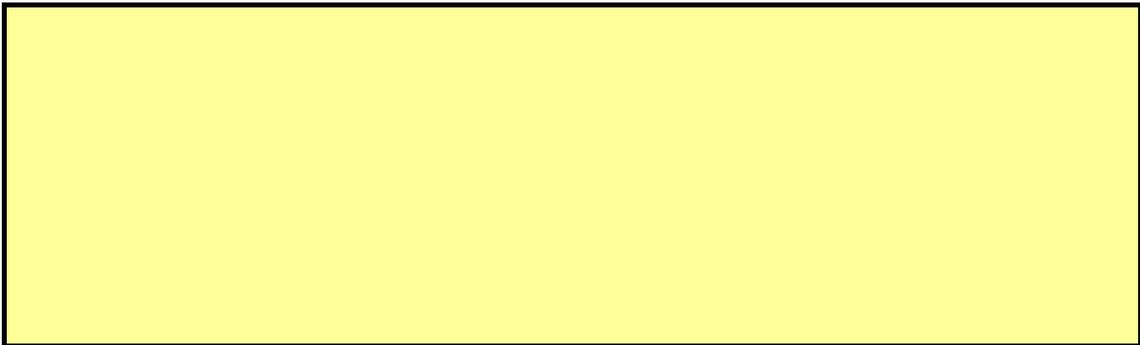
\$26,563.00 Cost \$ / **11075** CCF = **\$2.40** CCF

Cost Guide for Temporary Roads

http://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprdb5279261.pdf

Temporary Road Seeding, Fertilizing and Obliteration Costs per CCF **\$0.88**

UNUSUAL CONDITION ADJUSTMENTS



Cost \$ / 11075 CCF = \$0.00 CCF

TEMPORARY ROAD COSTS #1

Unit or Road Number: Temp Roads that will use existing old templates

Reference to Cost estimating procedures for temporary roads from Cost Guide pages 100-104

Average Side Slope	20	%		
Length	8528	Feet	1.62	Miles
Volume per Acre	0			

(Note: Do not adjust project costs for inflation or deflation)

Clearing and Grubbing (Table T-1)	=	\$1,860.00	Mile
Excavation (Table T-1)	=	\$1,730.00	Mile
Seeding (Table T-1)	=	\$580.00	Mile
Obliteration (Table T-1)	=	\$1,500.00	Mile
Total Unit Cost Per Mile		=	\$5,670.00
Basic Cost Total X Length		=	\$9,185.00

Drainage Structures		Dips	X		=	\$0.00
		18" CMP	X		=	\$0.00
		other CMP	X		=	\$0.00
Drainage Cost Total					=	\$0.00

Other Requirements			X		=	\$0.00
###		###	X	\$0.00	=	\$0.00
###		###	X	\$0.00	=	\$0.00
###		###	X	\$0.00	=	\$0.00
###		###	X	\$0.00	=	\$0.00
Other Cost Total					=	\$0.00

Subtotal (Basic + Drainage + Other)	=	\$9,185.00
Mobilization (Table T-4)	=	\$643.00
Subtotal	=	\$9,828.00

TOTAL COST	\$9,828.00	/	1.06	Profit	=	\$9,272.00
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Total Cost to be entered on 2400-17

TEMPORARY ROAD COSTS #2

Unit or Road Number: New Temp Roads

Reference to Cost estimating procedures for temporary roads from Cost Guide pages 100-104

Average Side Slope	30	%		
Length	8226	Feet	1.56	Miles
Volume per Acre	10			

(Note: Do not adjust project costs for inflation or deflation)

Clearing and Grubbing (Table T-1)	=	\$4,480.00	Mile
Excavation (Table T-1)	=	\$2,390.00	Mile
Seeding (Table T-1)	=	\$610.00	Mile
Obliteration (Table T-1)	=	\$3,500.00	Mile
Total Unit Cost Per Mile		=	\$10,980.00
Basic Cost Total X Length		=	\$17,129.00

Drainage Structures		Dips	X	\$0.00	=	\$0.00
		18" CMP	X	\$0.00	=	\$0.00
		other CMP	X	\$0.00	=	\$0.00
Drainage Cost Total					=	\$0.00

Other Requirements		###	X	\$0.00	=	\$0.00
			X	\$0.00	=	\$0.00
			X	\$0.00	=	\$0.00
			X	\$0.00	=	\$0.00
Other Cost Total					=	\$0.00

Subtotal (Basic + Drainage + Other)	=	\$17,129.00
Mobilization (Table T-4)	=	\$1,199.00
Subtotal	=	\$18,328.00

TOTAL COST	\$18,328.00	/	1.06	Profit	=	\$17,291.00
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Total Cost to be entered on 2400-17

TIMBER SALE CONTRACT INFORMATION

Tim Gate 4 - Contract Preparation information (ADVR114)

Normal Operating Season
(ADVR114, Page 1)

			Units
First Period :	1-Jul	to	30-Sep
Second Period:	20-Dec	to	15-Feb
			6D, 55

(Note: If sale has more than one NOS - List dates and units for each NOS in A16 or AT13 of Timber Sale Contract)

Periodic Payment Schedule

Approximate Award Date: mm/dd/yy

(And Road Completion Date if roads are included.)

Road Completion Date: mm/dd/yy
(ENTER N/A if no roads)

Contract Termination Date: mm/dd/yy

TIM - Input at Gate 4 - Prospectus, Bid and Misc. Information - Page 1 (ADVR115)

Approximate Payment Date: **Tentative Date. TIM will Calculate Official Date Upon Award.**

As per E.2.1.3, Periodic Payment Schedule, a periodic payment will be required. The approximate periodic payment date is XXXX. The final date will be based on the award date of this timber sale contract.

FIRE LIABILITY CALCULATION (ADVR114, Page 4)

5 CCF / man day --- 120 operating days / year --- 600 CCF / man year --- 12 hrs / shift --- 5 shifts / w
AD-C Firefighter wage is updated yearly, ~March (FSH 5109.34 Chp 10). Link below to directive.

(A)	Total Volume =	<input type="text" value="17466"/>	CCF	
(B)	Sale Duration =	<input type="text" value="5.2"/>	YEARS	<i>(Calculated from Award Date to Termination Date)</i>
(C)	Operating Days in Sale =	<input type="text" value="624"/>		(Sale Duration X 120 days.)
(D)	CCF Per Day =	<input type="text" value="28.0"/>		(Total Volume / Operating Days in Sale)
(E)	Men Needed to Log Sale =	<input type="text" value="5.6"/>		(CCF Per Day / 5 CCF)
(F)	Liability =	<input type="text" value="\$17.80"/>	(Wage Rate AD-C)	<input type="text" value="12"/> (hrs/shift) X <input type="text" value="5"/> (# shifts) X
		<input type="text" value="5.6"/>	(# men) =	TOTAL LIABILITY = <input type="text" value="\$5,981"/>

http://www.fs.fed.us/r1/fire/nrcg/Committees/business_committee.htm

Round up to nearest \$50.00 up to \$200.00, then round up to nearest \$100.00

ROUNDED TOTAL =

STEWARDSHIP PERFORMANCE BOND:

TIM Gate 4 - Prospectus, Bid and Misc. Information - Page 3 - (ADVR115)

Generally, a performance bond will not be required. If a bond is required, the amount of the bond should only cover those performance items not include as mandatory or optional services.

(B) Purchaser requirements (Performance) - Based on number of seasons.

Road Maintenance =	\$1.27	CCF
Erosion =	\$3.39	CCF
Brush Disposal =	\$15.70	CCF
Other =	\$1.63	CCF
Total =	\$21.99	CCF

Total Purchaser Requirements = \$21.99 X Tot Vol 11075 CCF = \$243,574 Tot Value

divided by 5 # Seasons = \$48,715 Performance Bond Value

Rounded Performance Bond Value = \$48,800 (B)

2400-17 Input Sheet for R1 TIMBER SALE APPRAISAL

Create New Sale

Sale Name Dewey *
Sale No 15103 *
Forest No 10 - Flathead
District No 01 - Swan Lake

Size Class 6 - \$100,000.01 thru \$1,000,000 *
Sale Status *
SBA Code N - No *
Appraisal Type TE - Transaction Evidence *

Basic Information

State MT - Montana *
County Code 029 - Flathead *
Legal Description T26N, R22W, PMM *
Appraisal Date 6/10/2015 *
Contract Date *
Term Date 9/30/2020 *
Bid Date 7/28/2015
Modified By *
Modified Date *

Salvage Code 2 - Salv Sale or Salv Component in Regular Program *
Pricing Method FLAT - Flat Rate *
SAI Collection \$490,844.00
Contract No *
Contract Form 13 - Contract Form 2400-13 *
CO Authority S - Forest Supervisor *
Sale Method S - Sealed Bids *
Regulation Code 6 - 36 CFR 223.1 *

Area & Volume

<u>Total Sale Area Acres</u>	7030	<u>Cut Acres</u>	919.1
<u>Clearcut Acres</u>	0	<u>Clearcut Volume</u>	0
<u>Seed Tree Acres</u>	0	<u>Seed Tree Volume</u>	0
<u>Right Of Way Acres</u>	5	<u>Right Of Way Volume</u>	0
<u>Final Seed Tree Acres</u>	0	<u>Final Seed Tree Volume</u>	0
<u>Shelter Wood Acres</u>	0	<u>Shelter Wood Volume</u>	0
<u>Cedar Poles: Volume</u>			
<u>Count</u>			
<u>Length</u>			
<u>Percent Salvage</u>	54%		

Costs / CCF

<u>Slash FS</u>	\$5.75
<u>Slash Total</u>	\$21.45
<u>Erosion</u>	\$3.39
<u>Misc</u>	\$1.19
<u>Temp Roads</u>	\$2.40
<u>Other Temp Dev</u>	\$0.00
<u>Unusual Cond Adj</u>	\$0.00
<u>Road Maint Dep</u>	\$2.46
<u>Road Maint Total</u>	\$4.47
<u>Non-sawtimber Adj</u>	\$0.00

Comments

Includes other (A), weeds (B), Misc (C)
Includes Tons/CCF Adjustment

Use this sheet to calculate advertised value and to convert \$/CCF to \$/Tons.

Attach this sheet to the 2400-17 for Documentation.

Sawtimber Rate from the 2400-17 \$44.32

Conversion to Tons

	<u>Adv. Rate</u>	<u>CCF Vol</u>	<u>Tons</u>	<u>Weighted Average Bidding</u>	<u>Total Value Bidding</u>
Sawtimber	\$44.32	11075	32694	\$15.01	\$9.90
Non_Saw	\$1.00	6391	17513	\$0.36	\$9.90
Base Rate (Sawtimber)	\$44.32	11075	32694	\$15.01	\$15.01
Total Sale Value				\$497,235.00	